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**MAR 07 2005****FACSIMILE TRANSMITTAL SHEET**

TO: Examiner Sang H. Nguyen  
Group Art Unit 2877

FROM: Kenneth C. Brooks  
Reg. No. 38,393

COMPANY:  
United States Patent and Trademark Office

DATE:  
March 7, 2005

FAX NUMBER:  
703-872-9306

TOTAL NO. OF PAGES INCLUDING COVER:  
13

RE:

Information Disclosure Statement  
U.S. Patent Application No. 09/920,341  
Filing Date: 08/01/2001  
Entitled: METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING BETWEEN A  
TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT LITHOGRAPHY  
Our Ref. No.: PA17-07V06

Please see attached:

Information Disclosure Statement (6 pgs), including Transmittal,  
and Form PTO/SB/08A  
Copies of two cited references (6 pgs)

KCB:kep

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MAR 07 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Choi et al.  
App. No.: 09/920,341 GPAU: 3877  
Filing Date: 08/01/2001 Examiner: Sang H. Nguyen  
Dkt. No.: PA17-07V06 Conf. No.: 4146  
For: METHOD FOR HIGH-PRECISION GAP AND ORIENTATION SENSING  
BETWEEN A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT  
LITHOGRAPHY

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INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other:

to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed:

before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

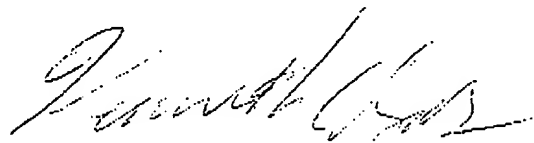
Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

CERTIFICATE OF TRANSMISSION  
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.

Signed: Katrina Prati  
Typed Name: Katrina Prati

Date: 3-7-05

Respectfully Submitted,



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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	09/920,341
		<b>Filing Date</b>	08/01/2001
		<b>First Named Inventor</b>	Byung J. Choi
		<b>Group Art Unit</b>	2877
		<b>Examiner Name</b>	Sang H. Nguyen
		<b>Attorney Docket Number</b>	PA17-07V06
<b>Sheet</b>	1	<b>of</b>	4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	I1	6,049,373		Miyatake et al.	4/11/2000	
	I2	2002/0094496	A1	Choi et al.	7/18/2002	
	I3	2002/0098426	A1	Sreenivasan et al.	7/25/2002	
	I4	2002/0150398	A1	Choi et al.	10/17/2002	
	I5	2004/0149687	A1	Choi et al.	8/5/2004	
	I6	2003/0215577	A1	Willson et al.	11/20/2003	
	I7	2004/0007799	A1	Choi et al.	1/15/2004	
	I8	2004/0008334	A1	Sreenivasan et al.	1/15/2004	
	I9	2004/0021254	A1	Sreenivasan et al.	2/5/2004	
	I10	2004/0021866	A1	Watts et al.	1/5/2004	
	I11	2004/0124566	A1	Sreenivasan et al.	7/13/2004	
	I12	2004/0141163	A1	Bailey et al.	7/22/2004	
	I13	2004/0163563	A1	Bailey et al.	8/26/2004	
	I14	2004/0251775	A1	Choi et al.	12/16/2004	
	I15	2004/0009673	A1	Sreenivasan et al.	1/15/2004	
	I16	2004/0022888	A1	Sreenivasan et al.	2/5/2004	
	I17	2004/0168588	A1	Choi et al.	9/2/2004	
	I18	2004/0086793	A1	Sreenivasan et al.	5/6/2004	
	I19	2004/0104641	A1	Choi et al.	6/3/2004	
	I20	2004/0168586	A1	Bailey et al.	9/2/2004	
	I21	2004/0169441	A1	Choi et al.	9/2/2004	
	I22	2004/0170771	A1	Bailey et al.	9/2/2004	
	I23	2004/0189994	A1	Sreenivasan et al.	9/30/2004	
	I24	2004/0209177	A1	Sreenivasan et al.	9/30/2004	
	I25	2004/0200411	A1	Willson et al.	10/14/2004	
	I26	2004/0053146	A1	Sreenivasan et al.	10/21/2004	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	09/920,341
				Filing Date	08/01/2001
				First Named Inventor	Byung J. Choi
				Group Art Unit	2877
				Examiner Name	Sang H. Nguyen
				Attorney Docket Number	PA17-07V06
Sheet	2	of	4		

[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/920,341
				Filing Date	08/01/2001
				First Named Inventor	Byung J. Choi
				Group Art Unit	2877
				Examiner Name	Sang H. Nguyen
				Attorney Docket Number	PA17-07V06
Sheet	4	of	4		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	135	U.S. App. No. 09/698317, filed 10/27/2000, entitled: High Precision Orientation Alignment and Gap Control Stages for Imprint Lithography Processes, naming inventors Byung Choi et al.	
	136	U.S. App. No. 10/614716, filed 7/7/2003, entitled: Conforming Template for Patterning Liquids Disposed on Substrates, naming inventors Sreenivasan et al.	
	137	U.S. App. No. 10/785248, filed 2/24/2004, entitled: Method to Control the Relative Position Between a Body and a Substrate, naming inventors Sreenivasan et al.	
	138	U.S. App. No. 10/864214, filed 6/9/2004, entitled: Imprint Lithography System to Produce a Light to Impinge upon and Polymerize a Liquid in Superimposition with Template Overlay Marks, naming inventors Sreenivasan et al.	
	139	Abstract of Japanese Patent 63-194956	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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